

FIG. 1

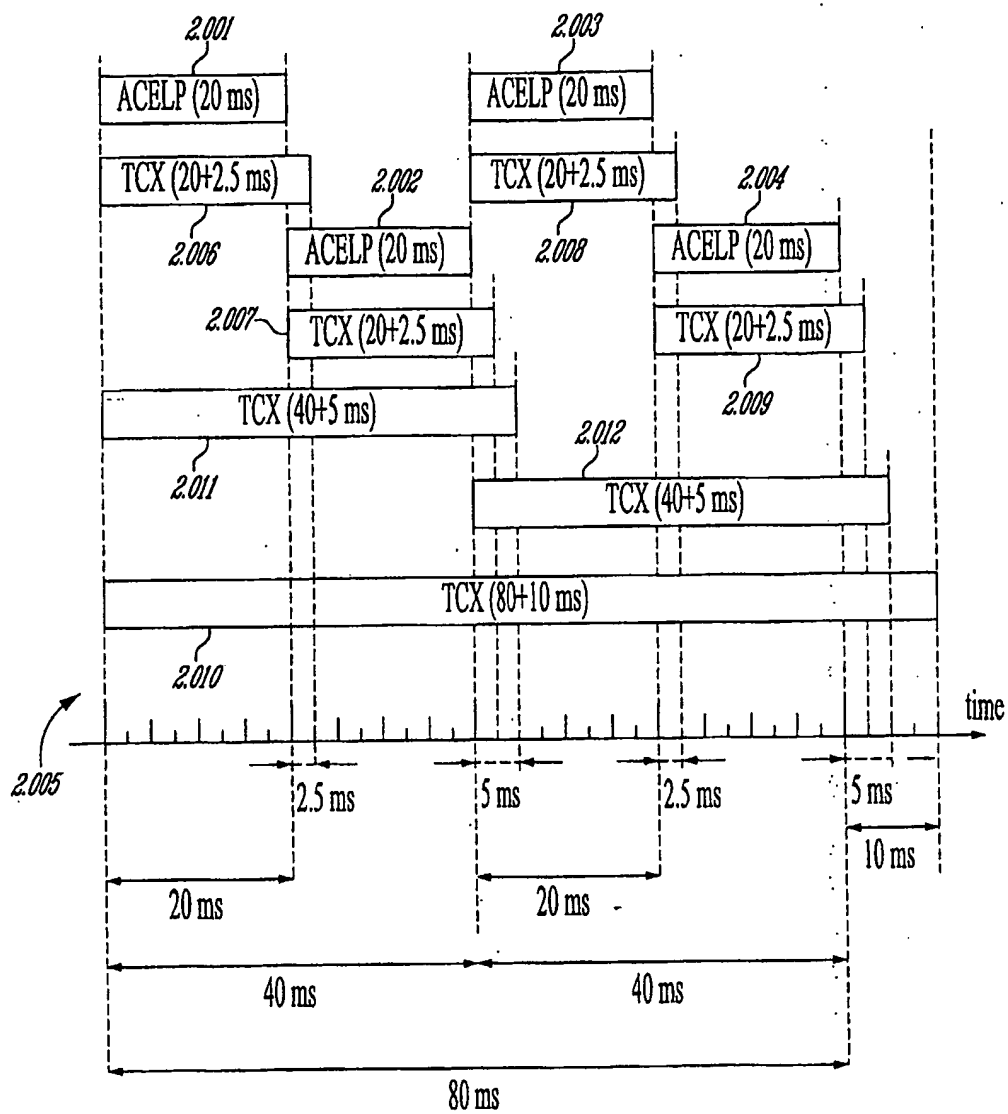
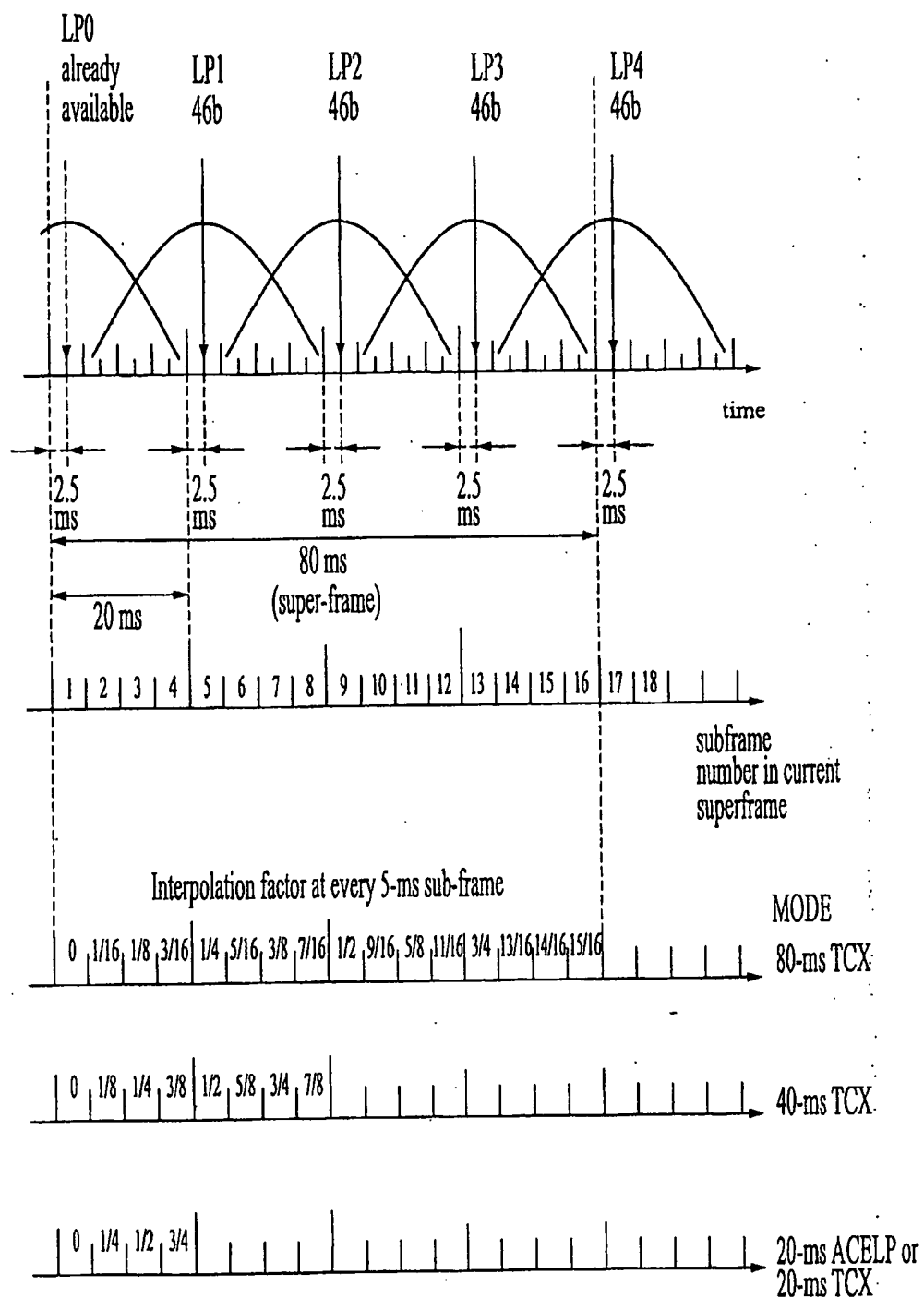
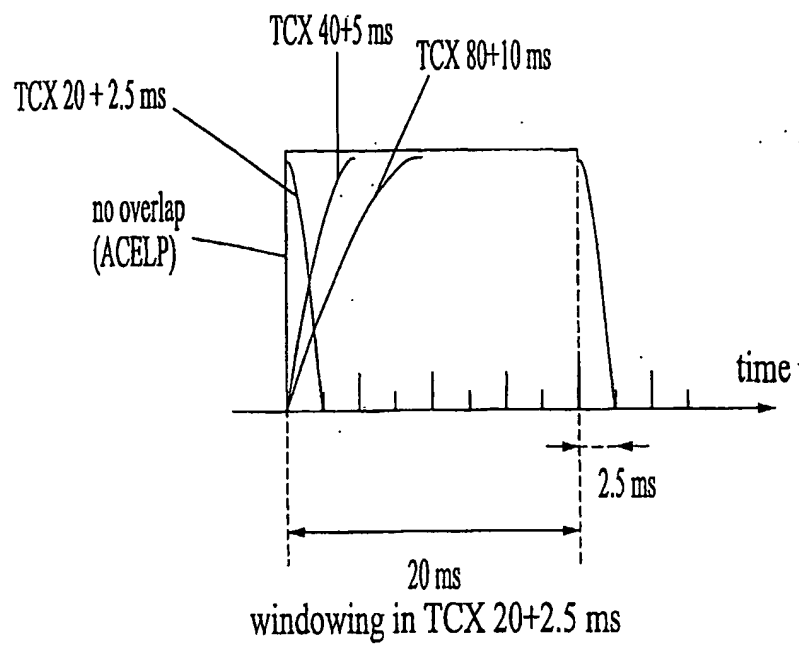
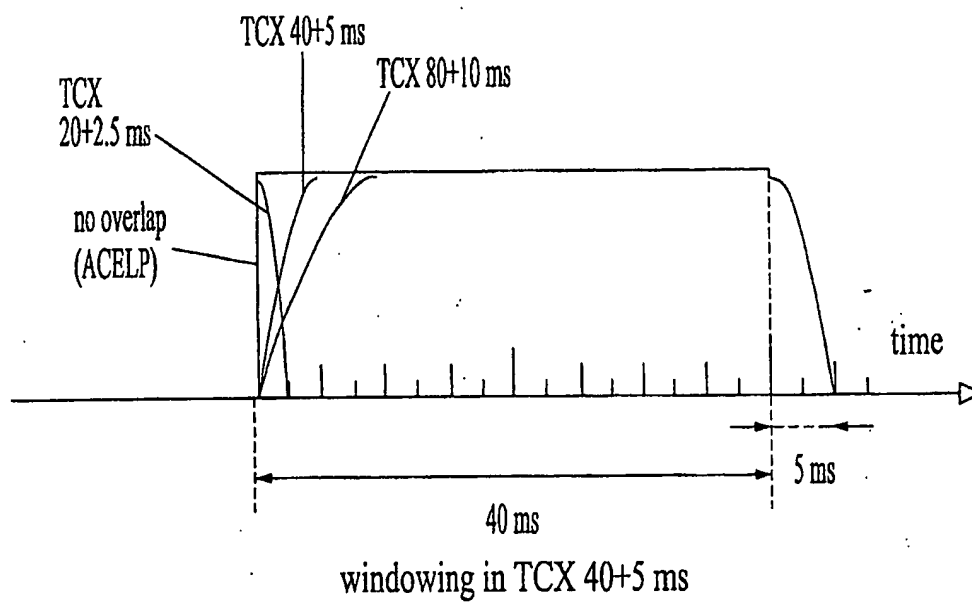


FIG. 2

FIG. 3

FIG. 4AFIG. 4B

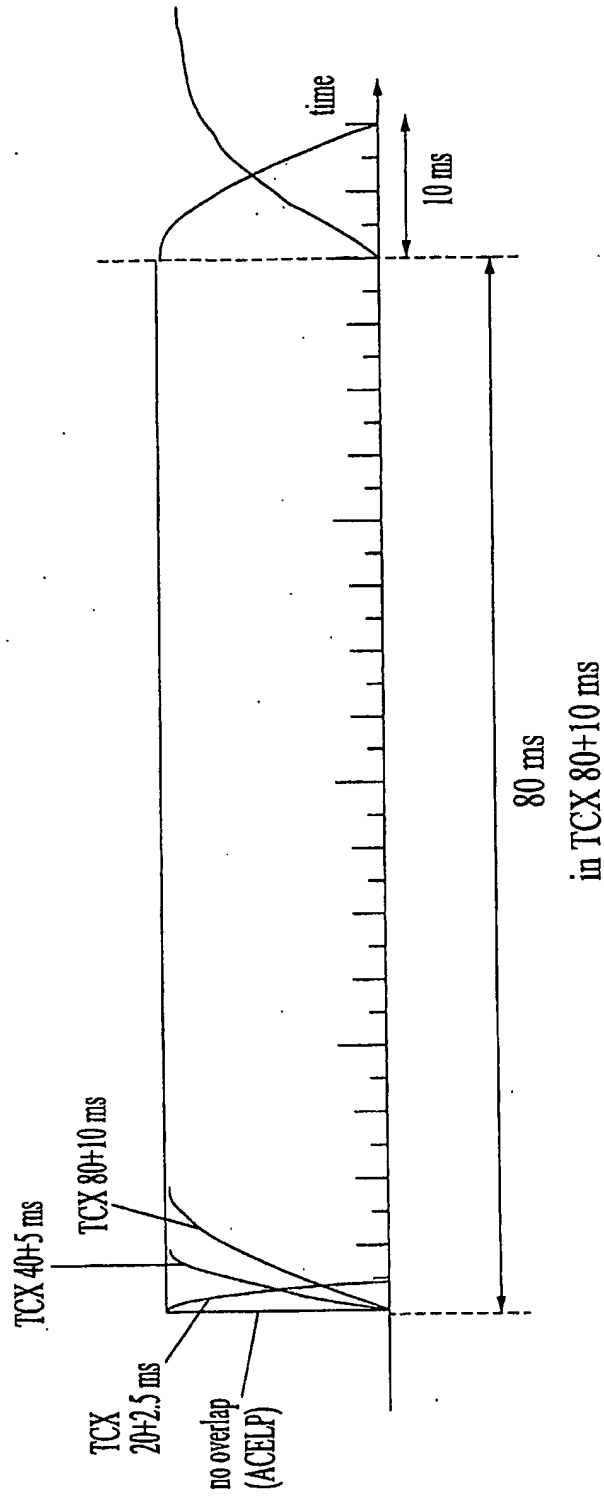
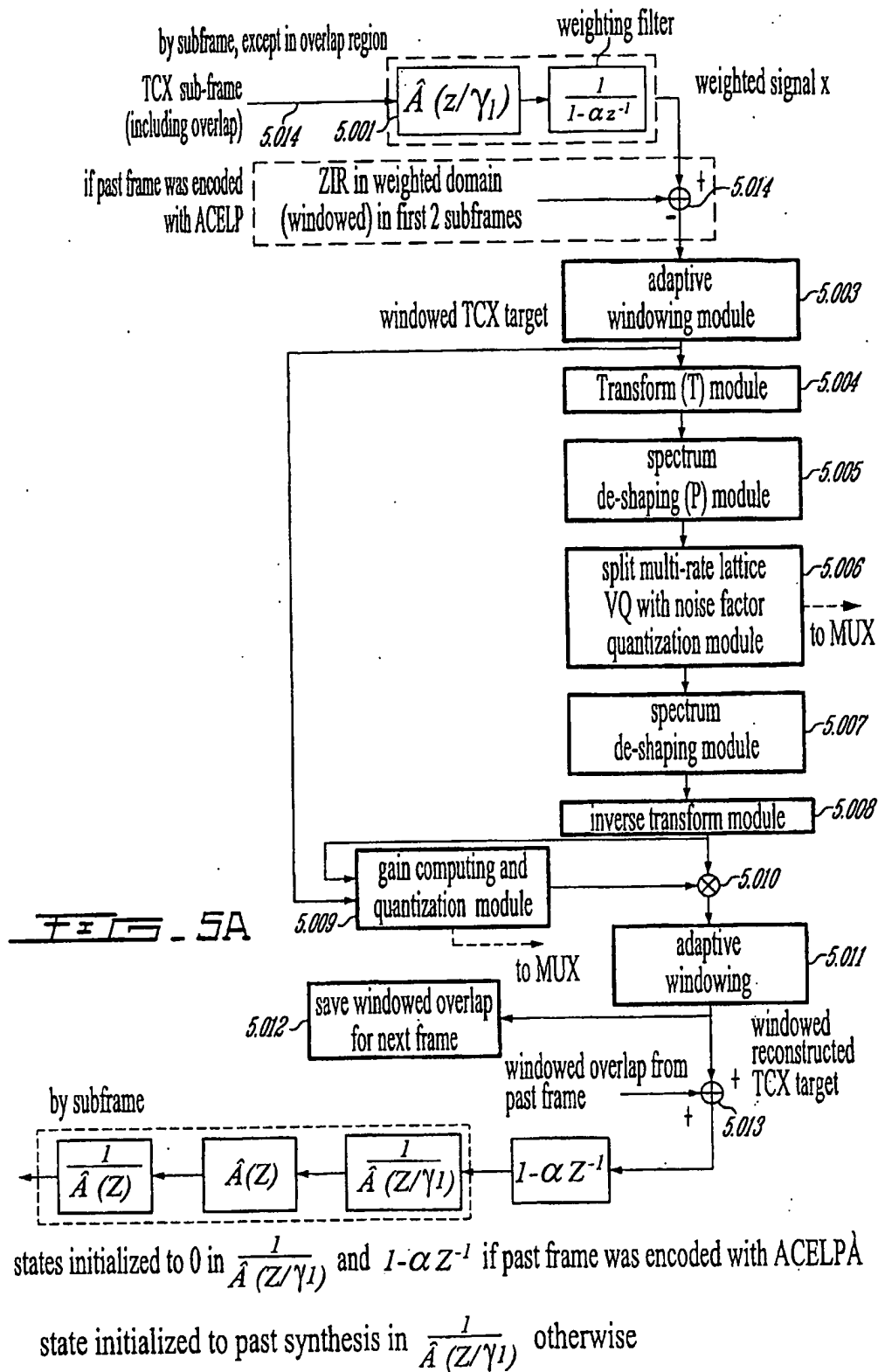
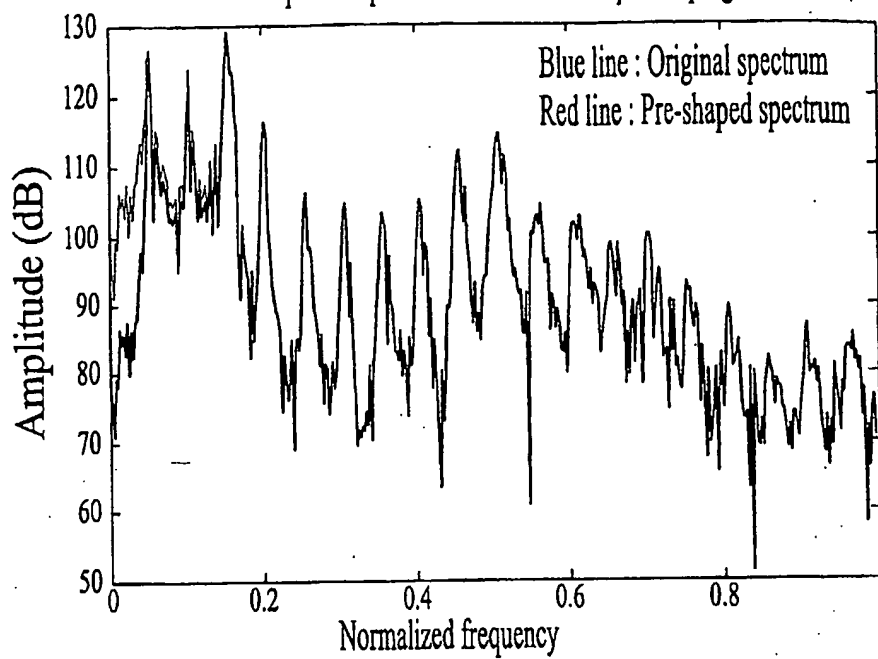


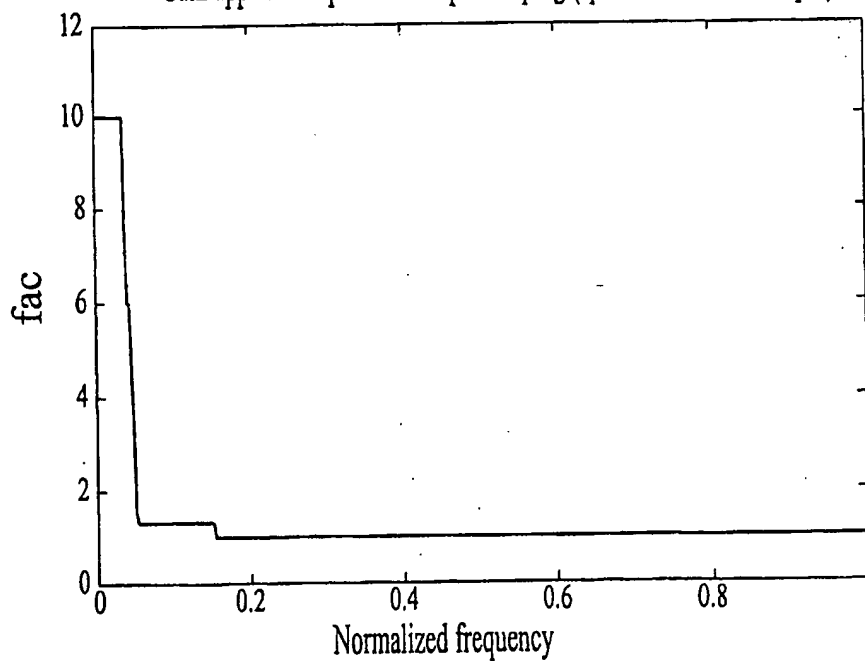
FIG. 4C



Amplitude spectrum before and after pre-shaping

FIS - 5B

Gain applied to spectrum for pre-shaping (specific for this example)

FIS - 5C

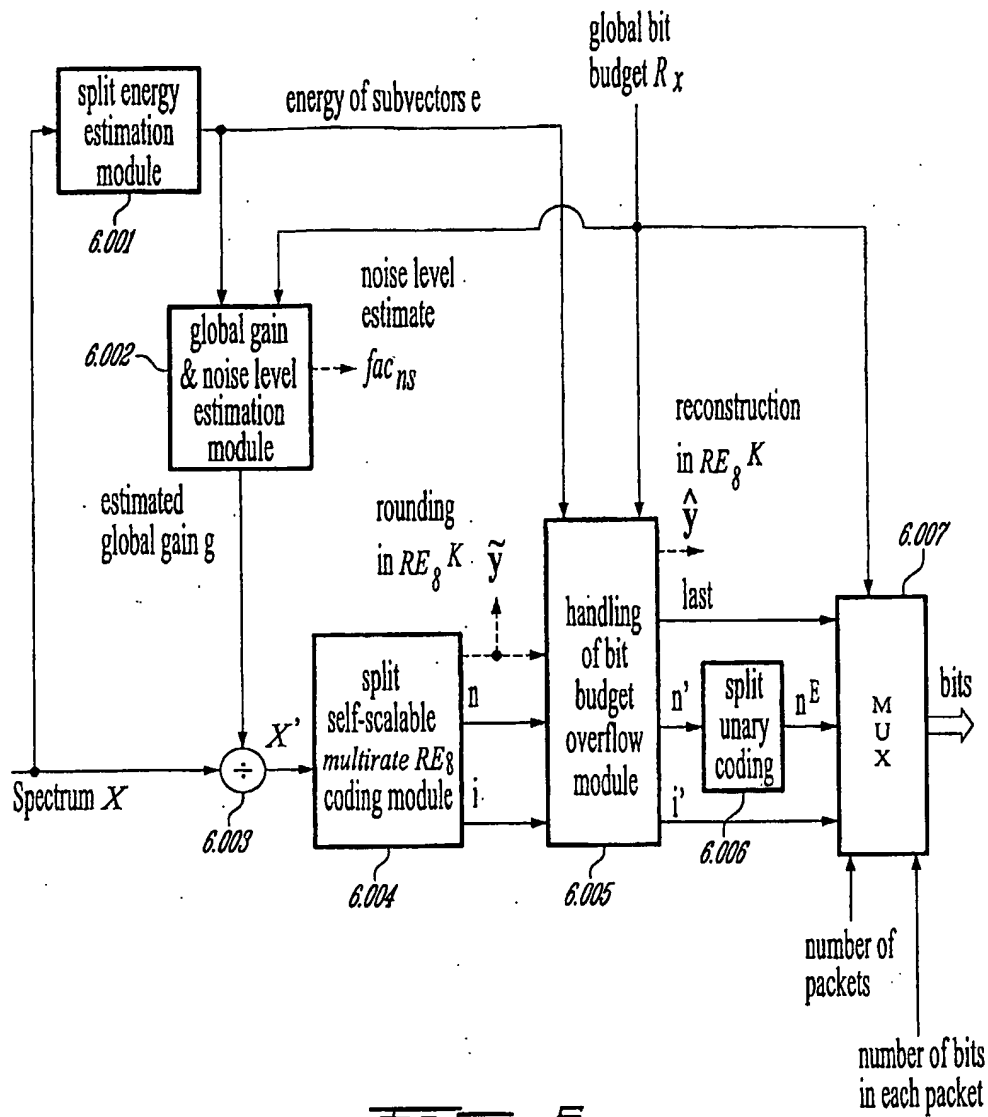


FIG. 6



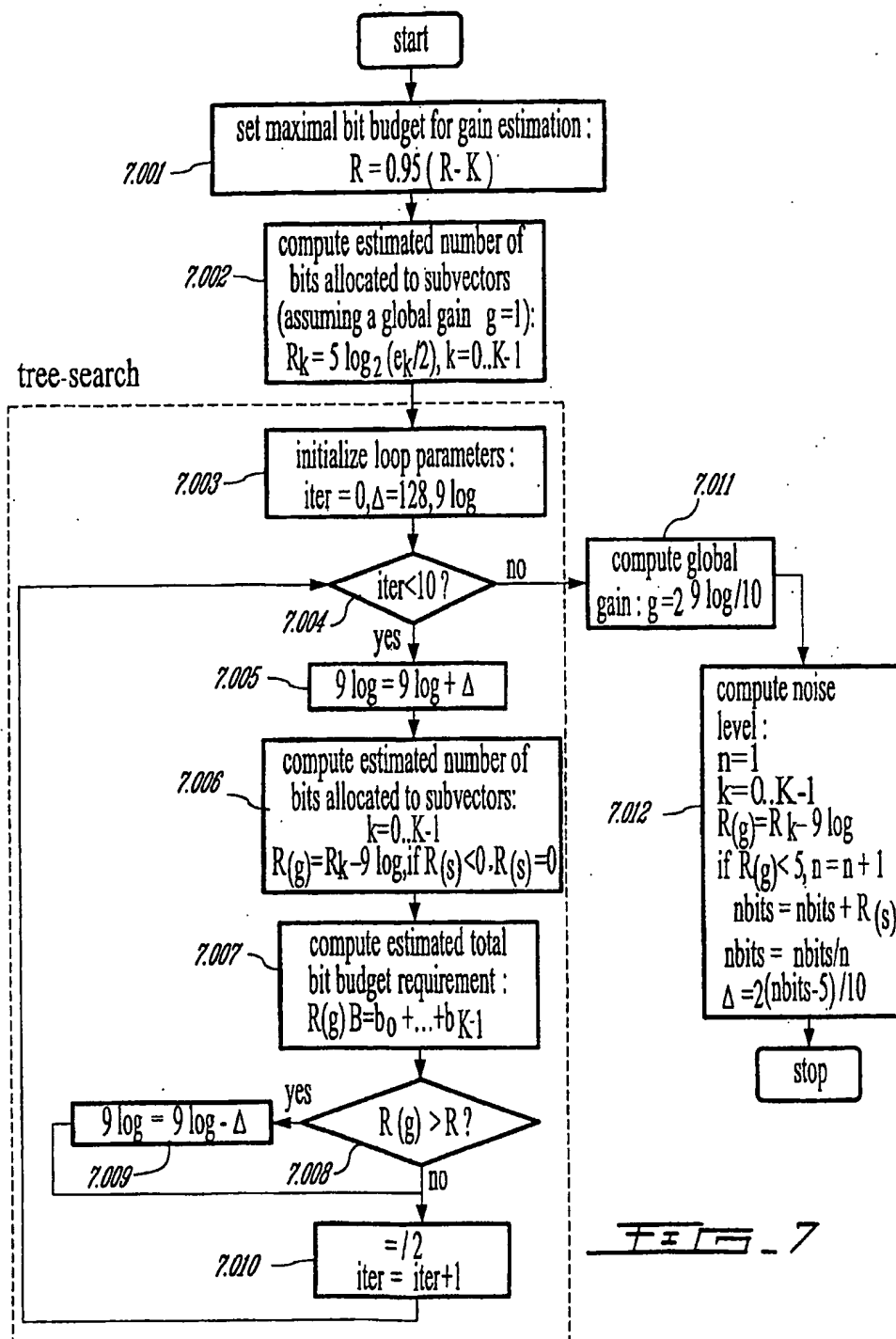
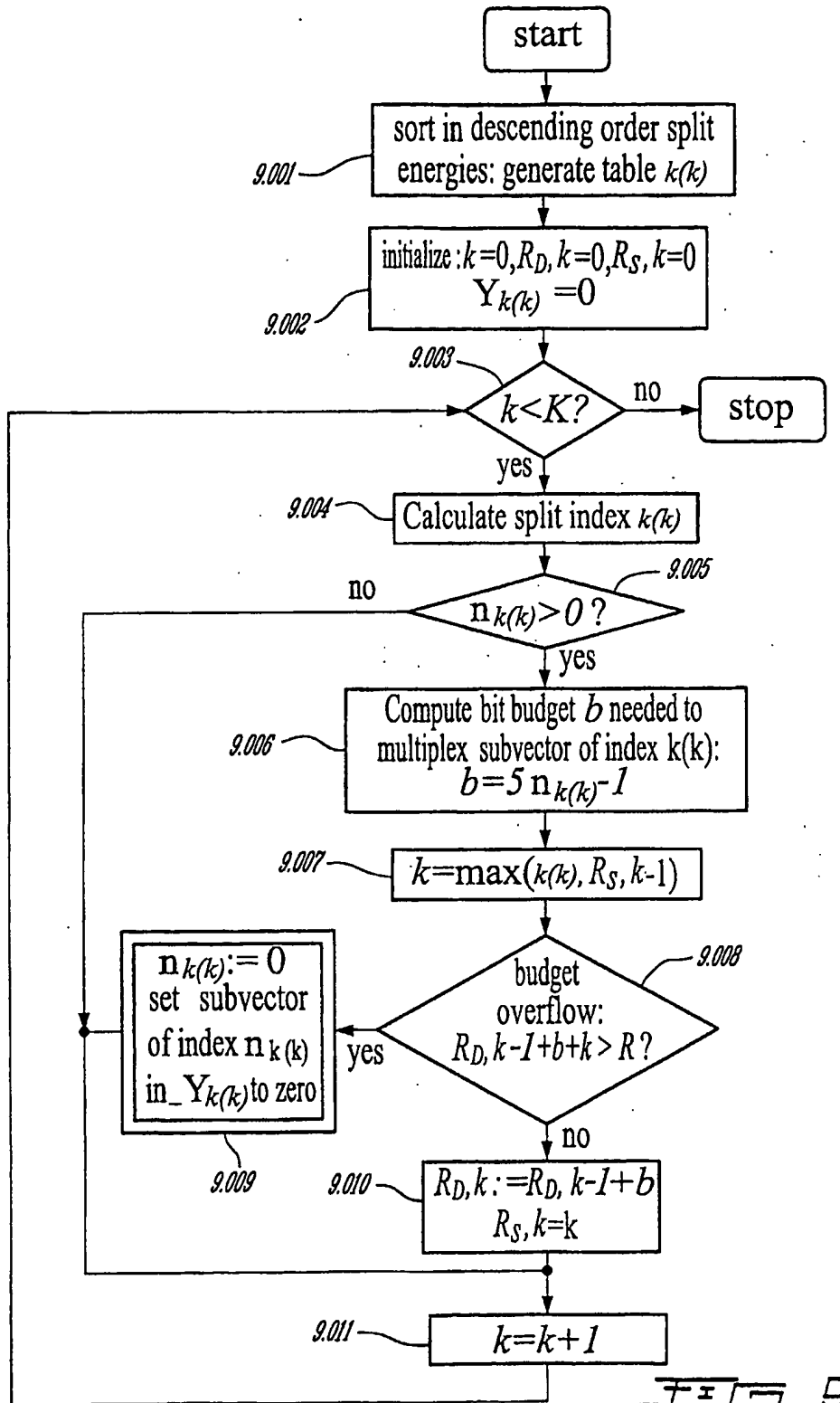
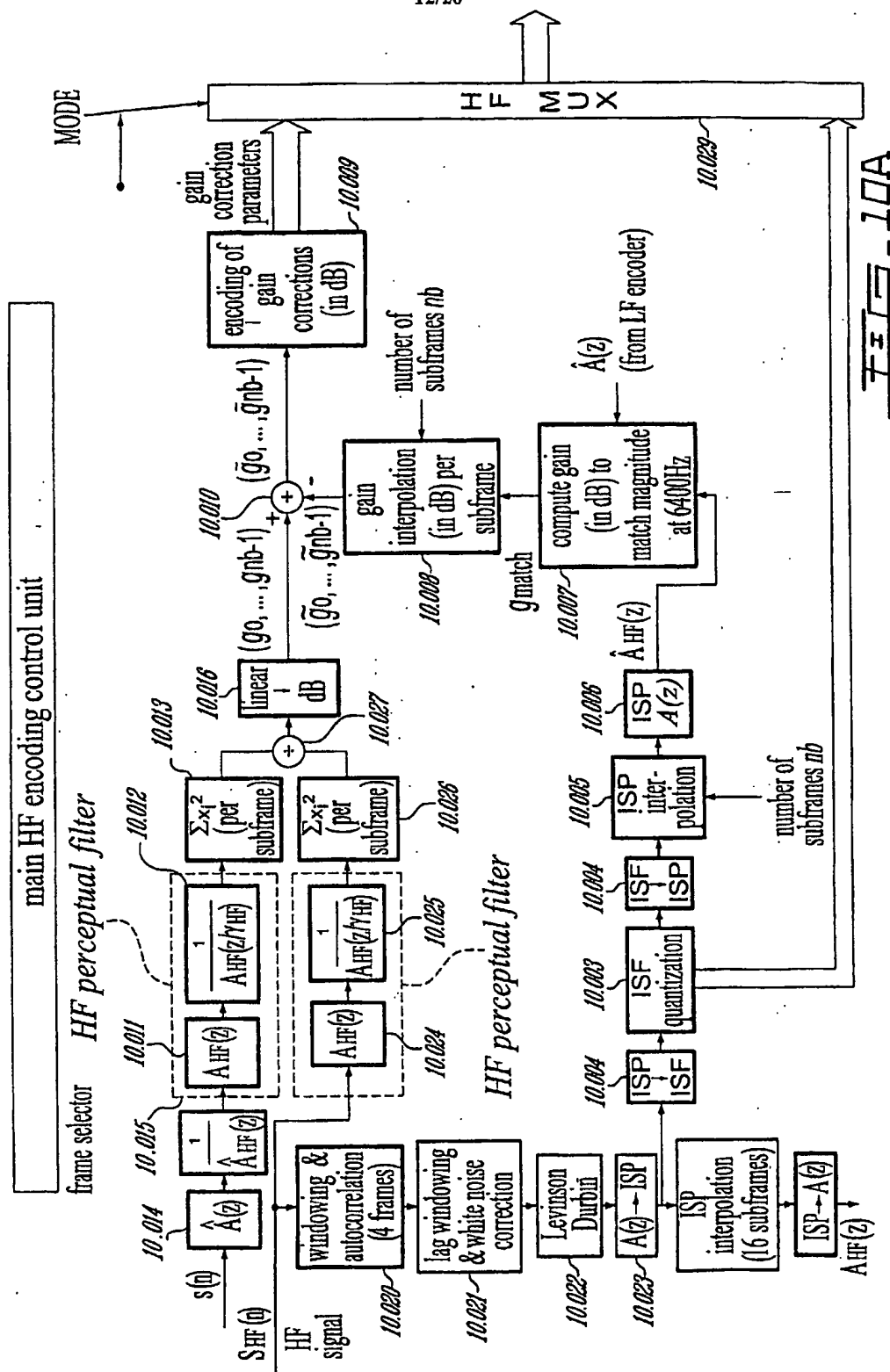


FIG. 7







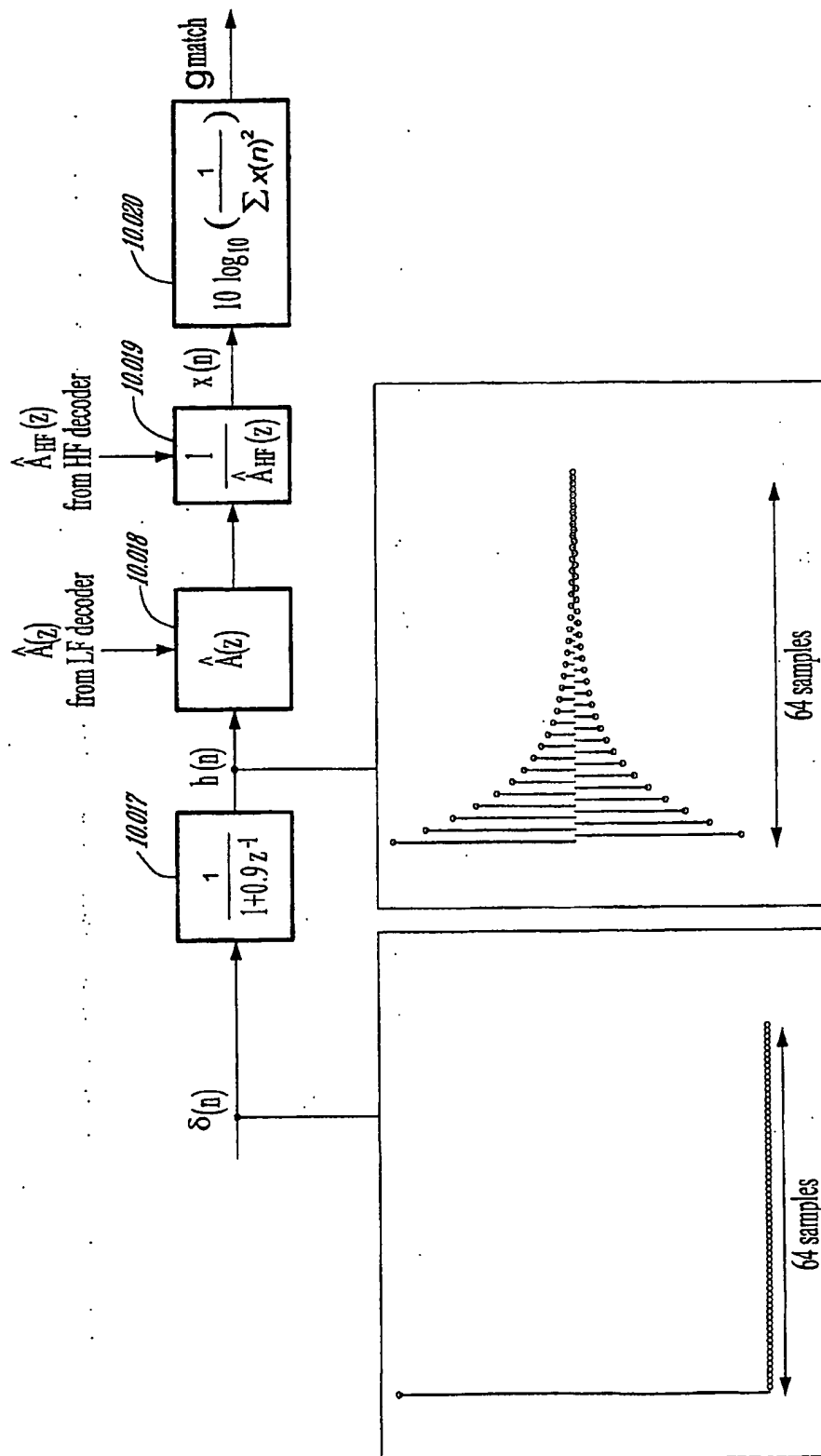


FIG. 10B

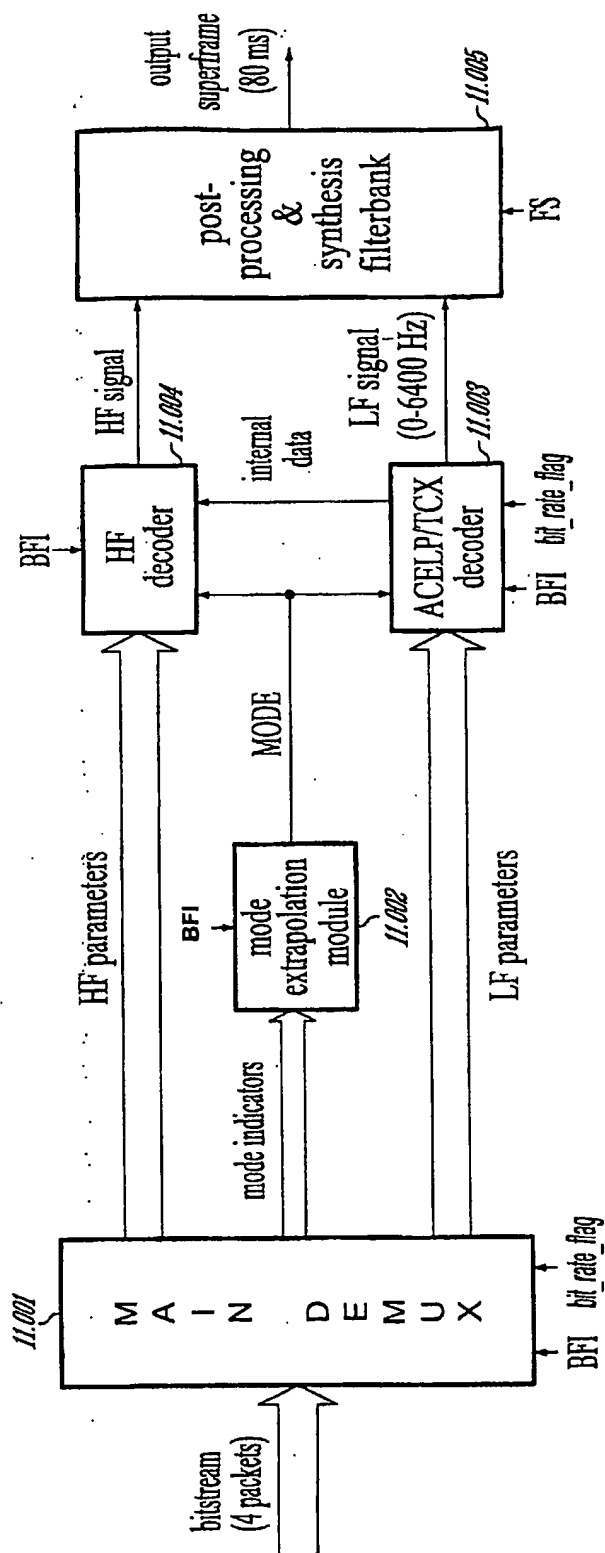
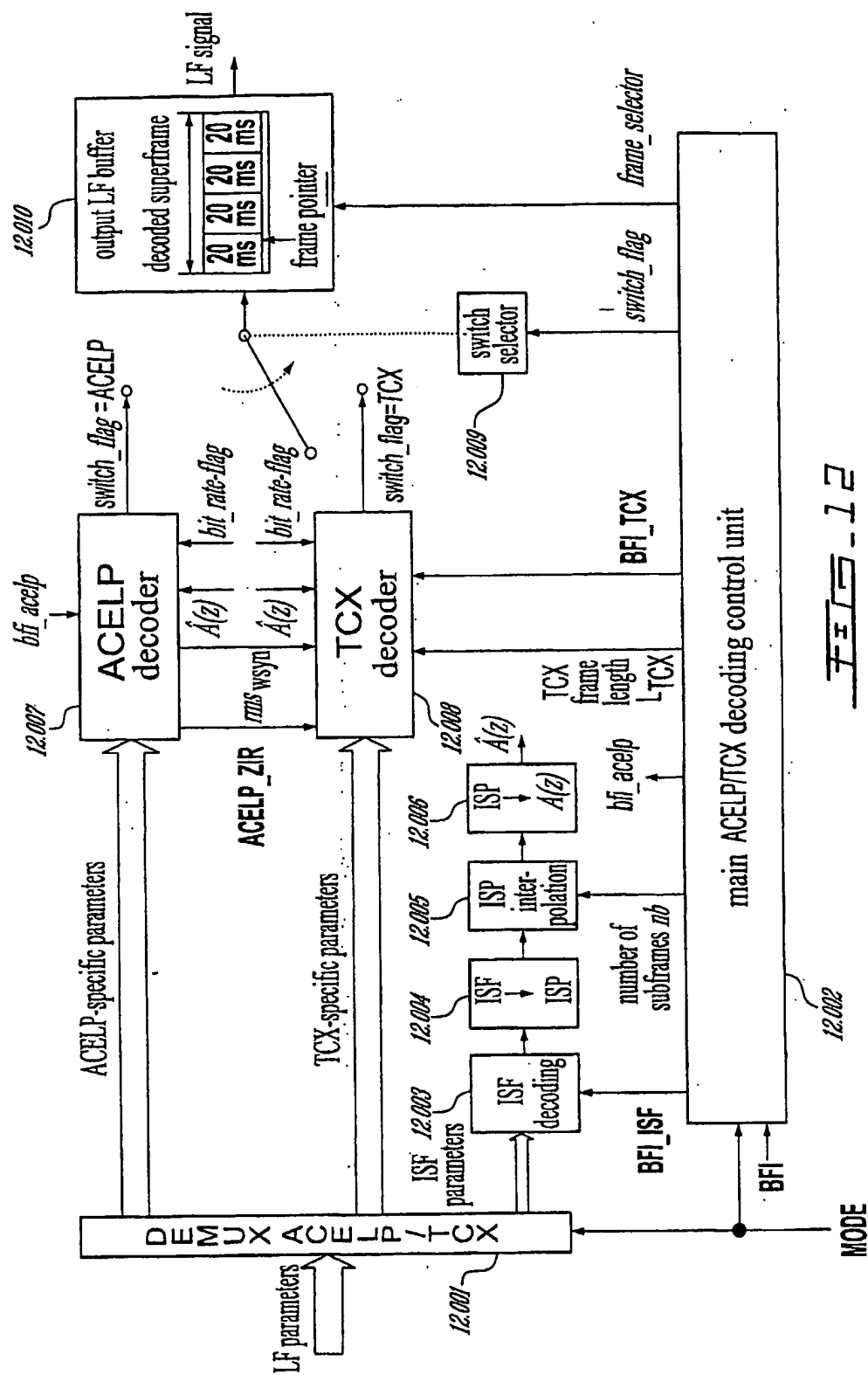


FIG. 11



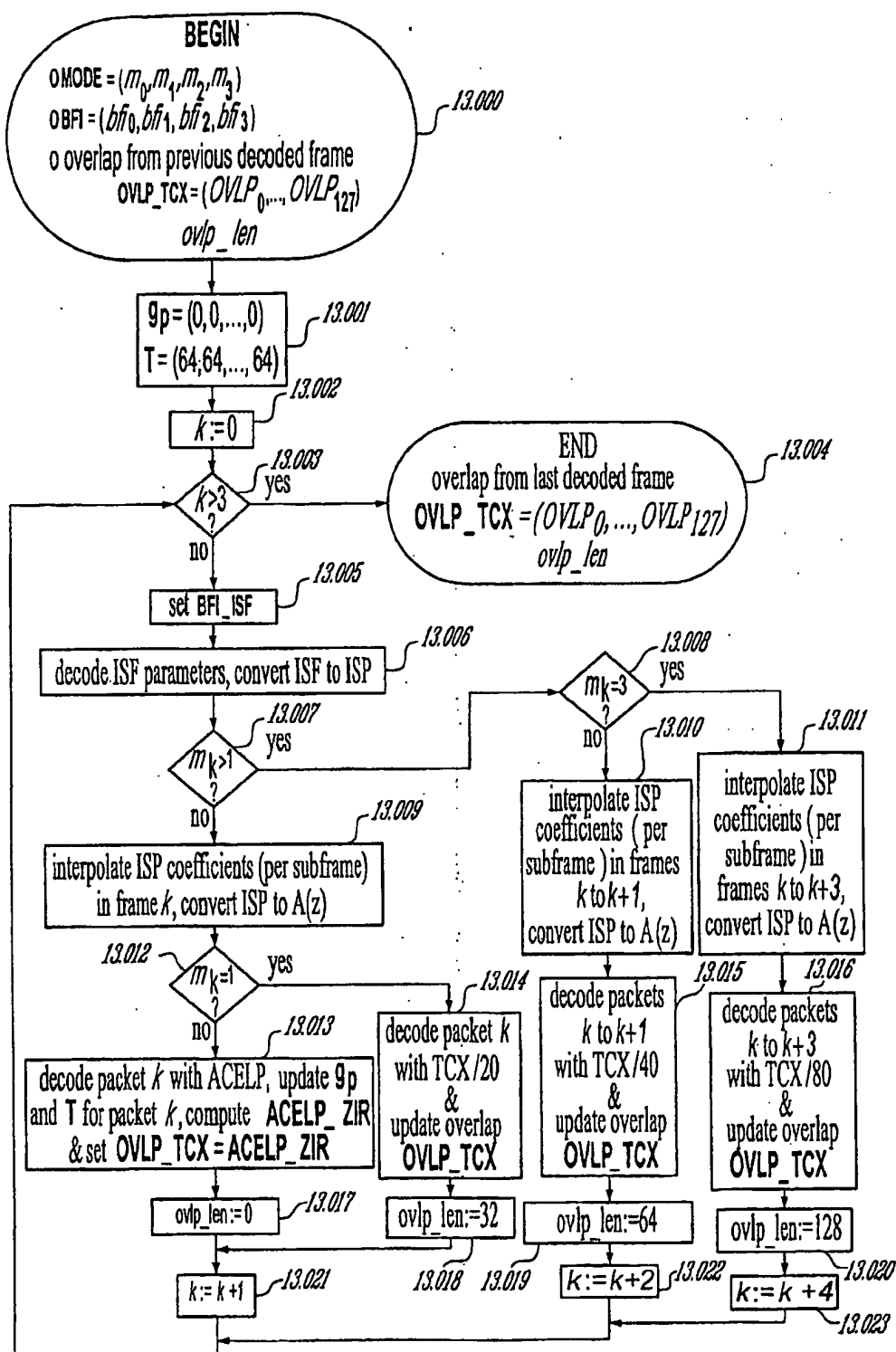


FIG. 13



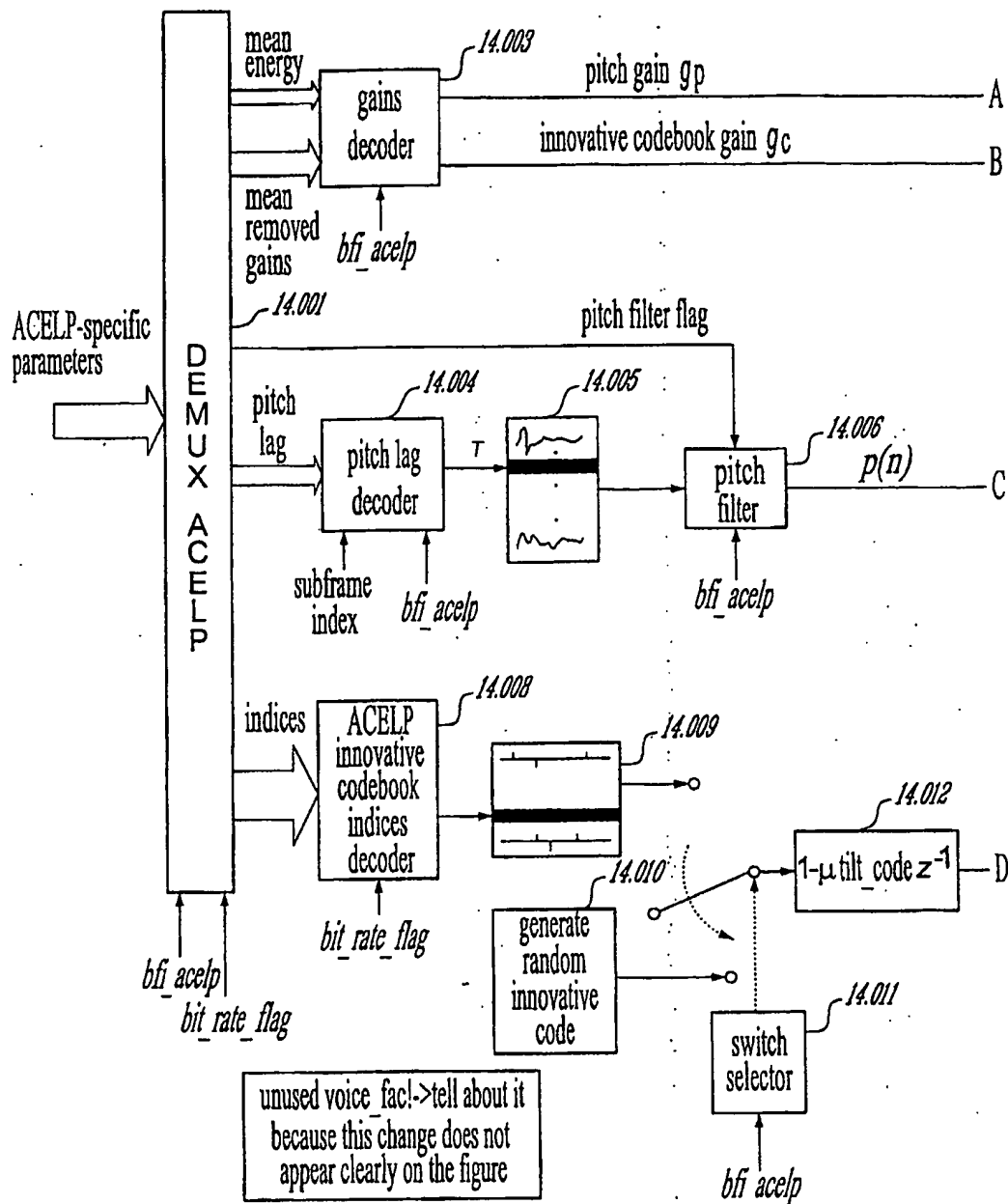


FIG. 14A

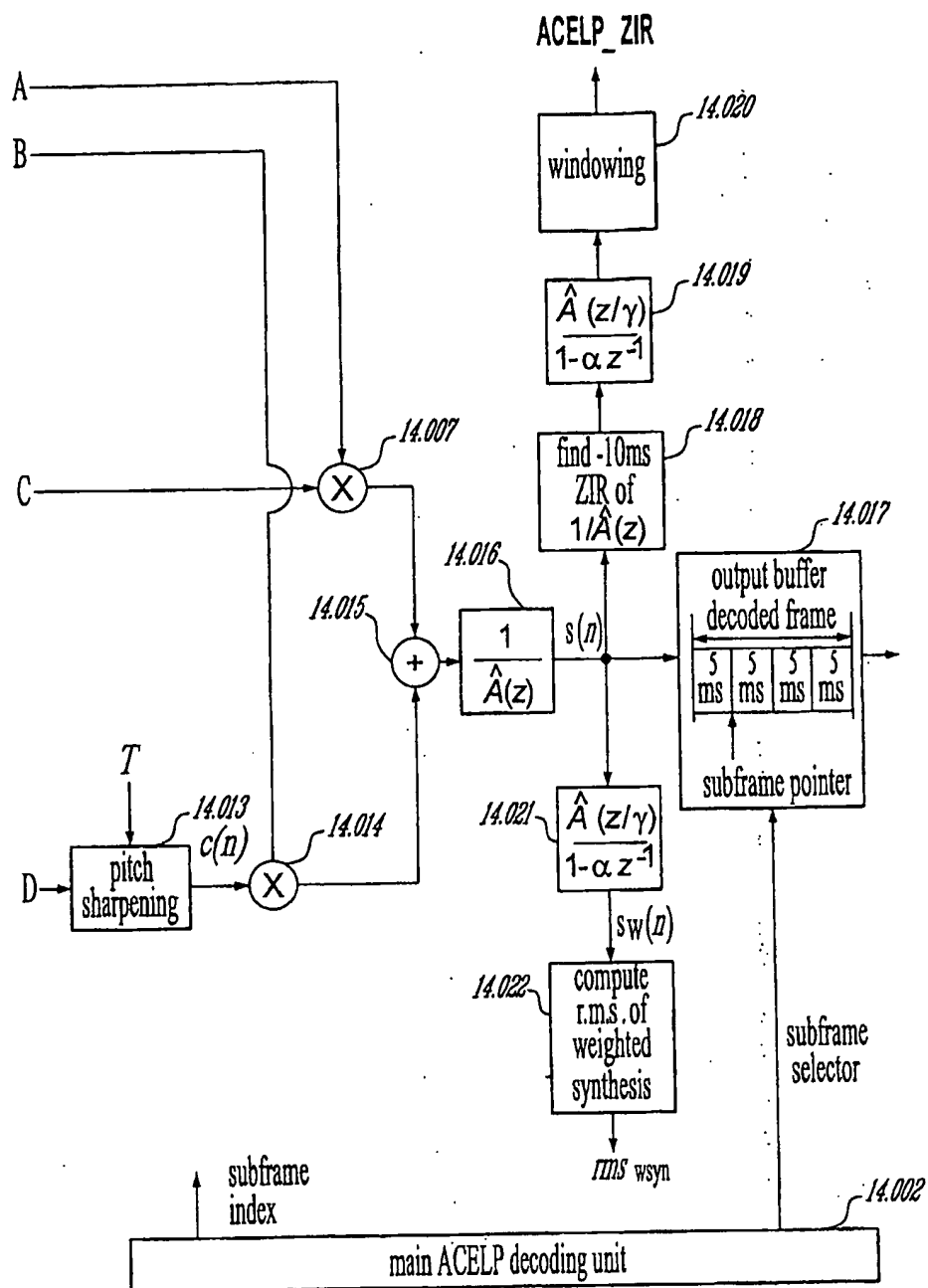
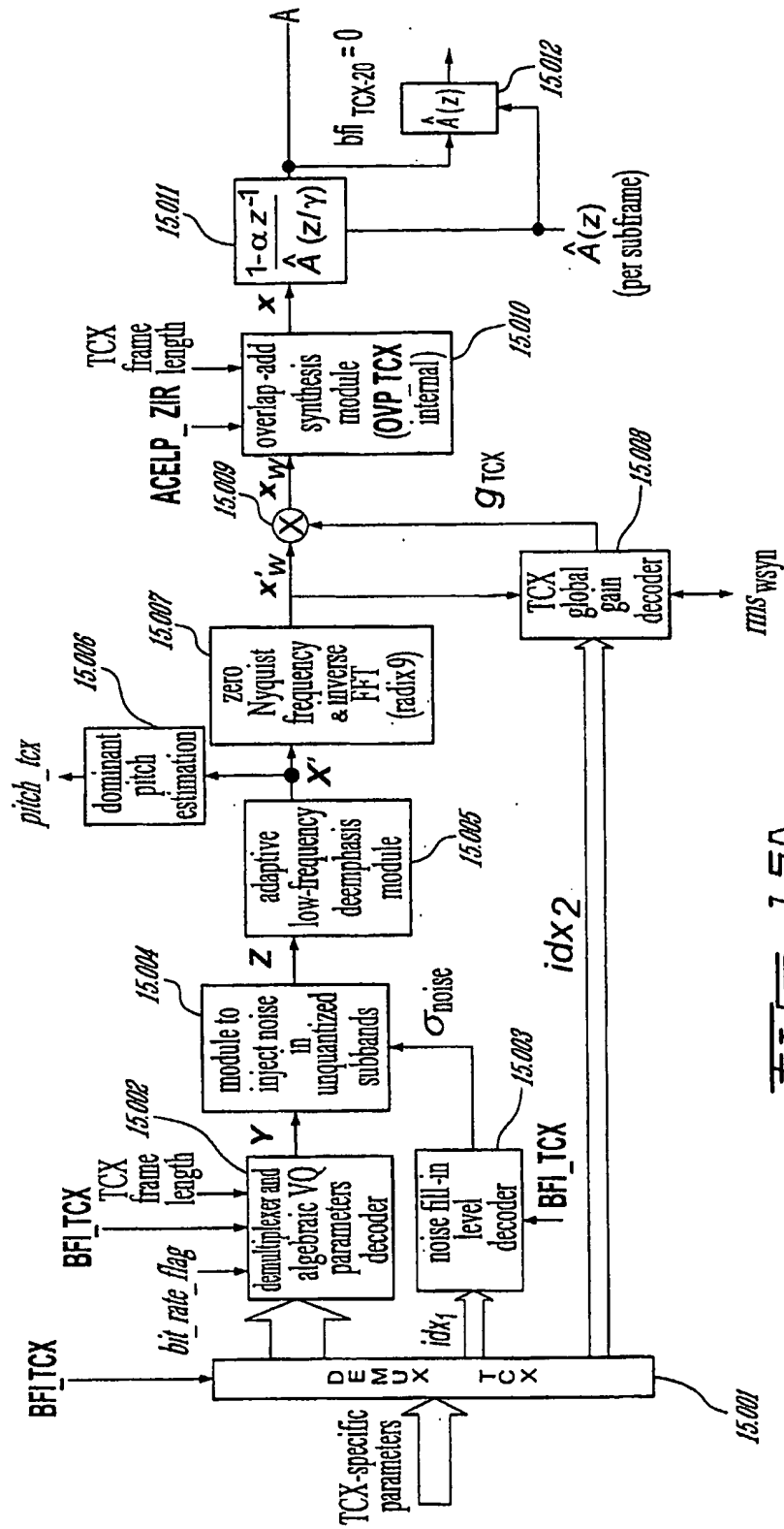


FIG. 14B



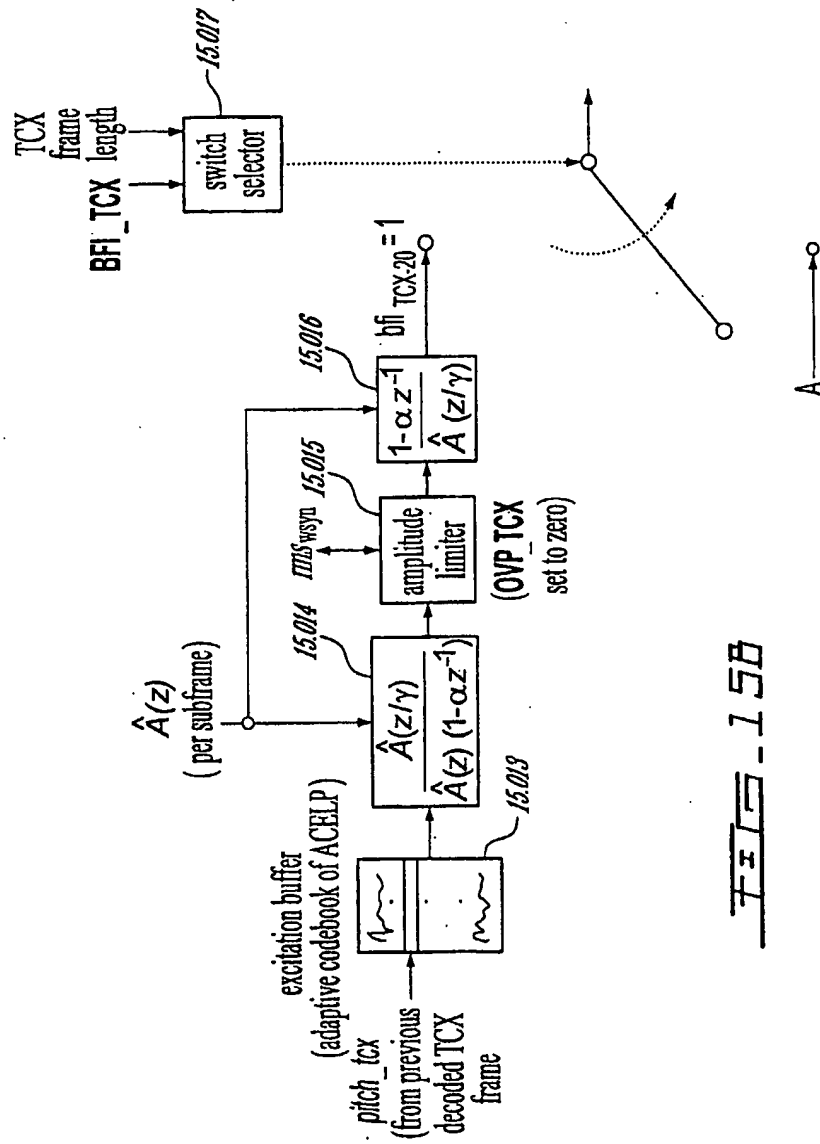
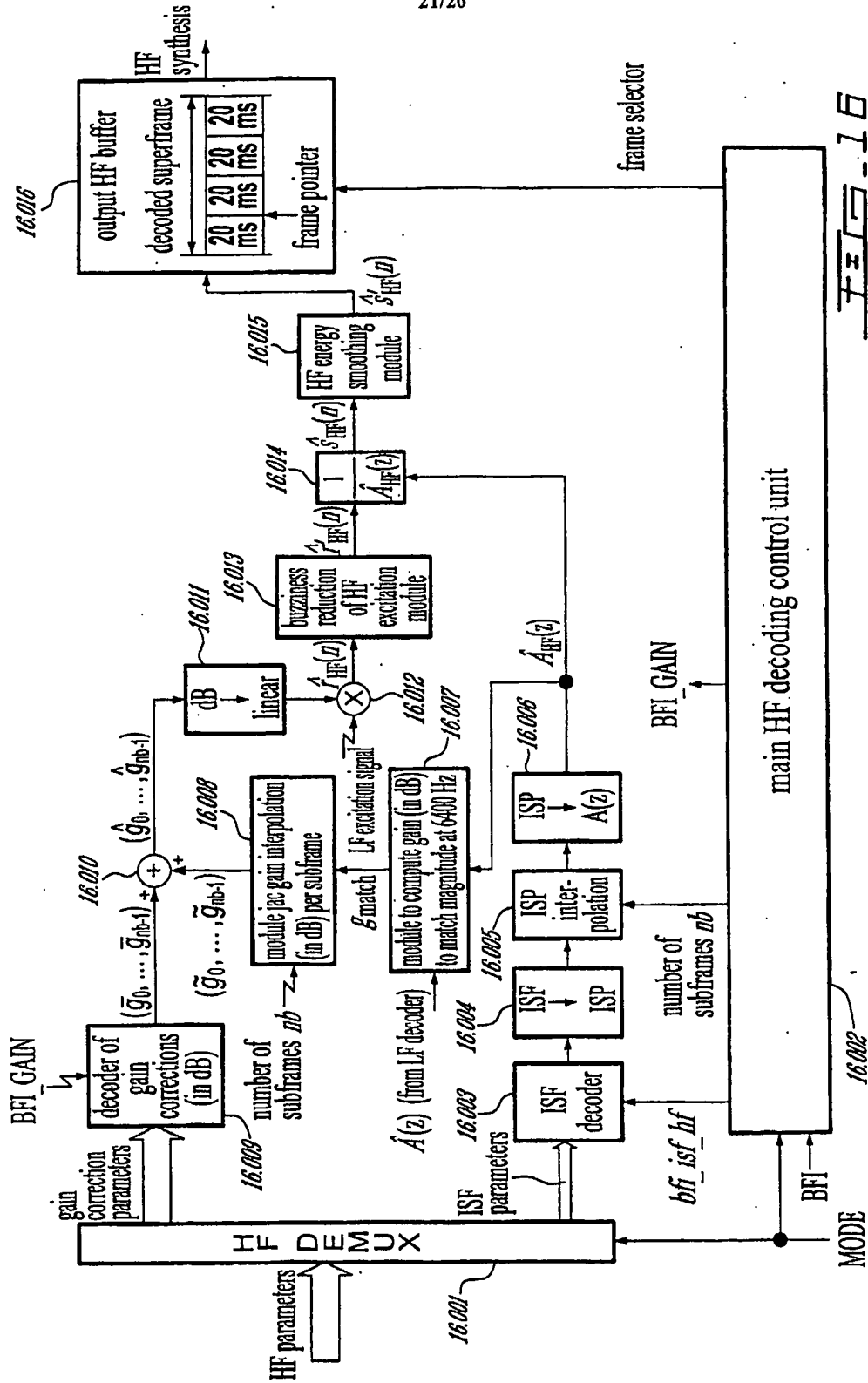


FIG. 15B



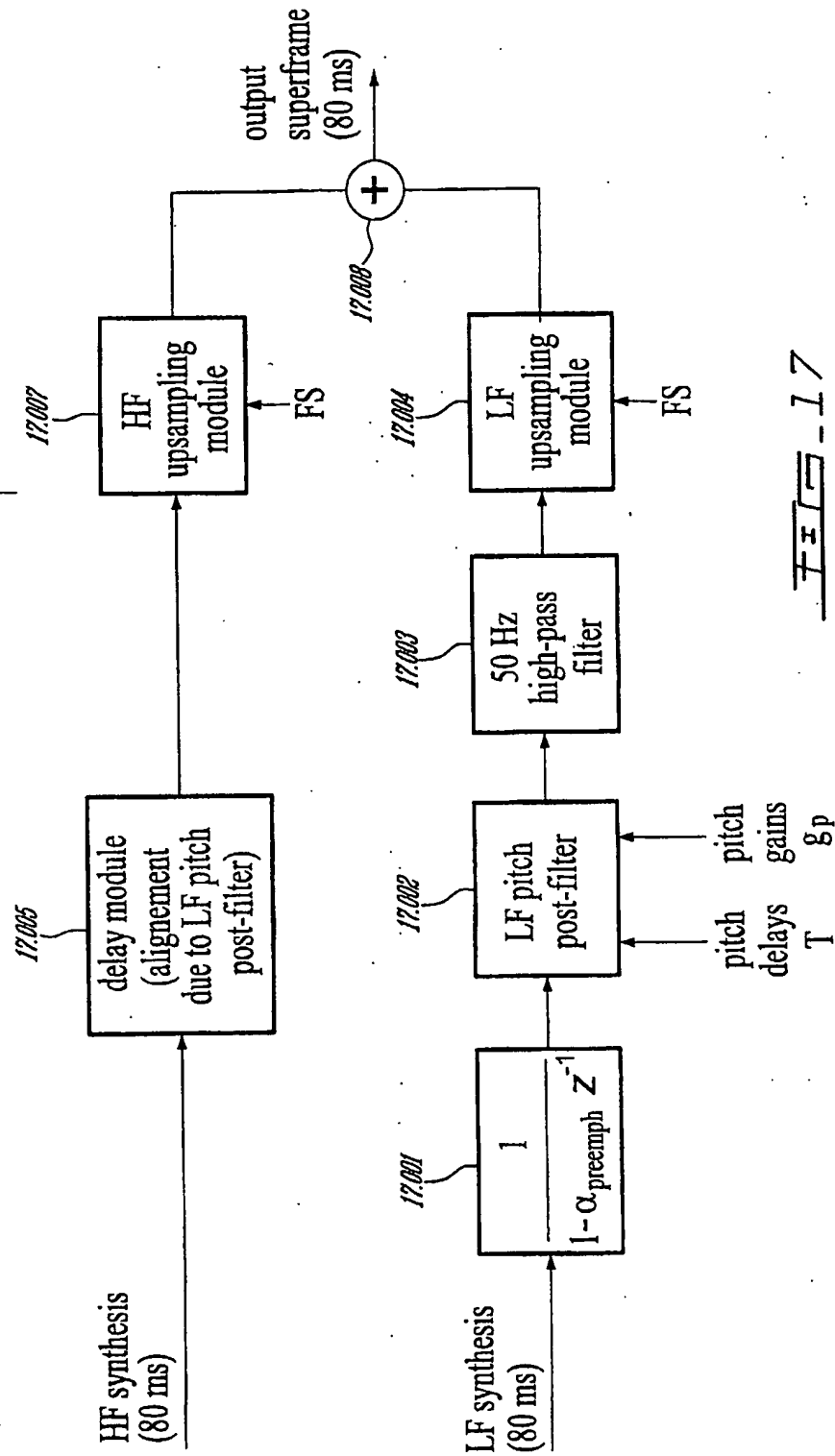
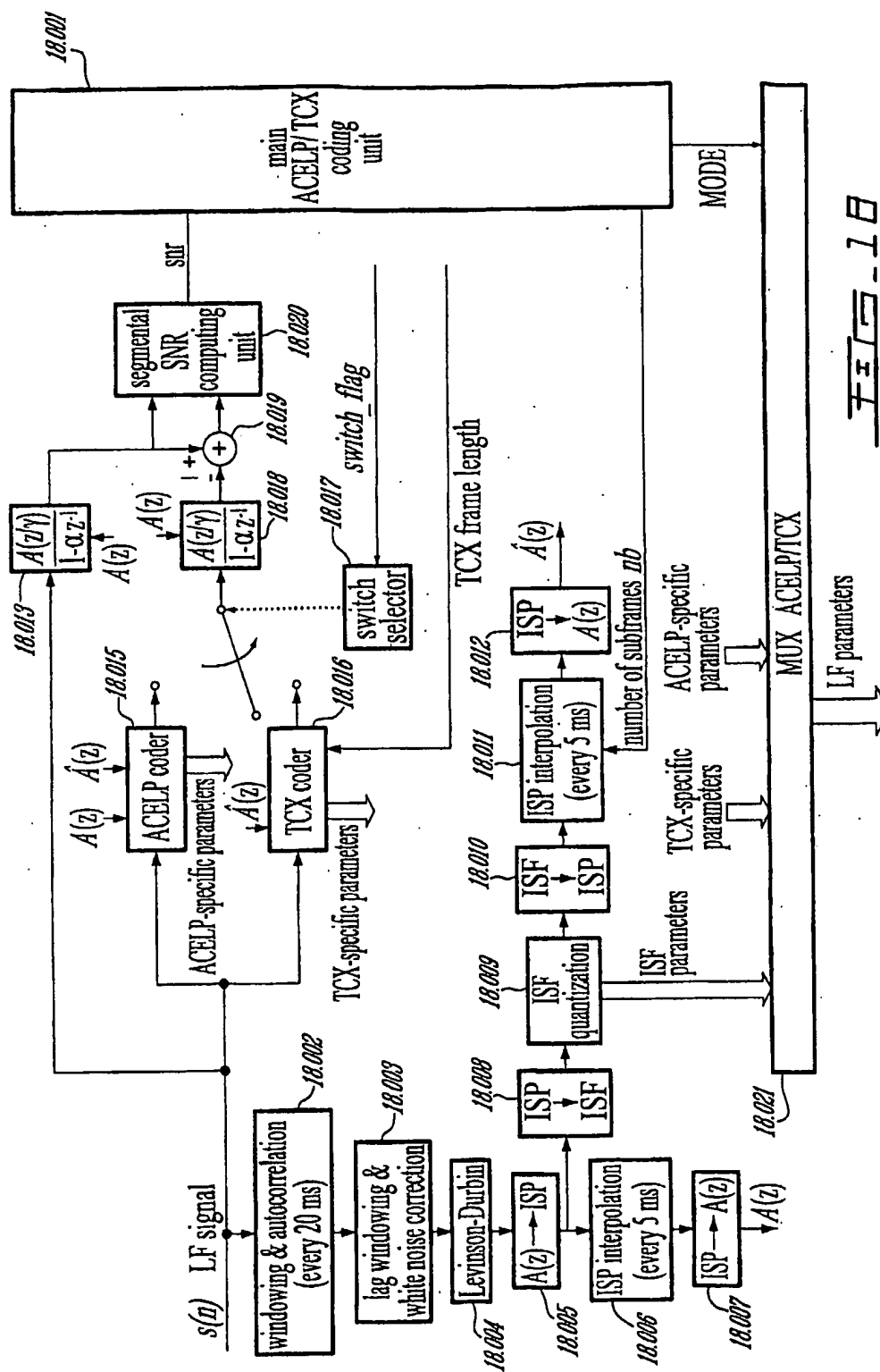
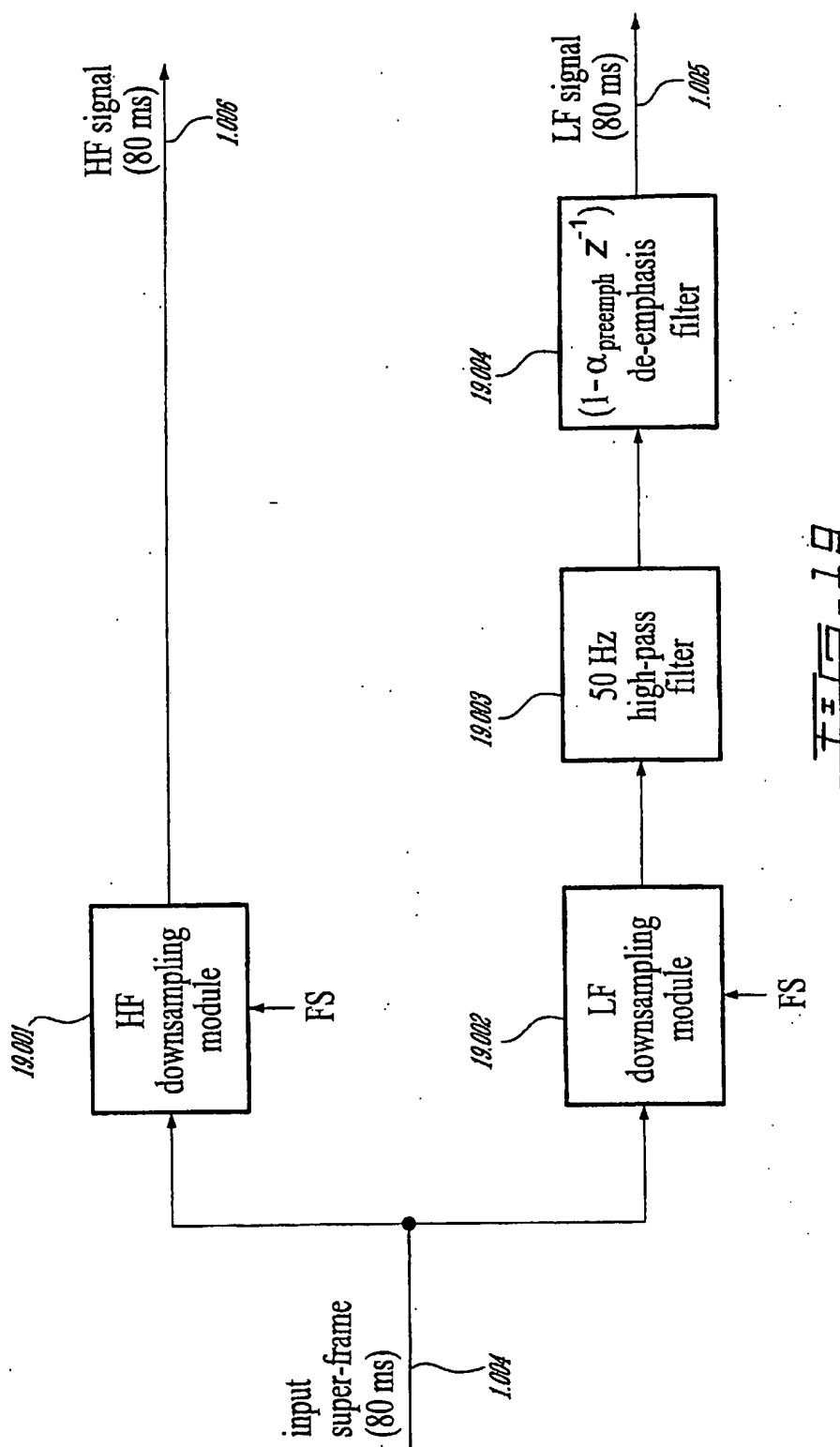
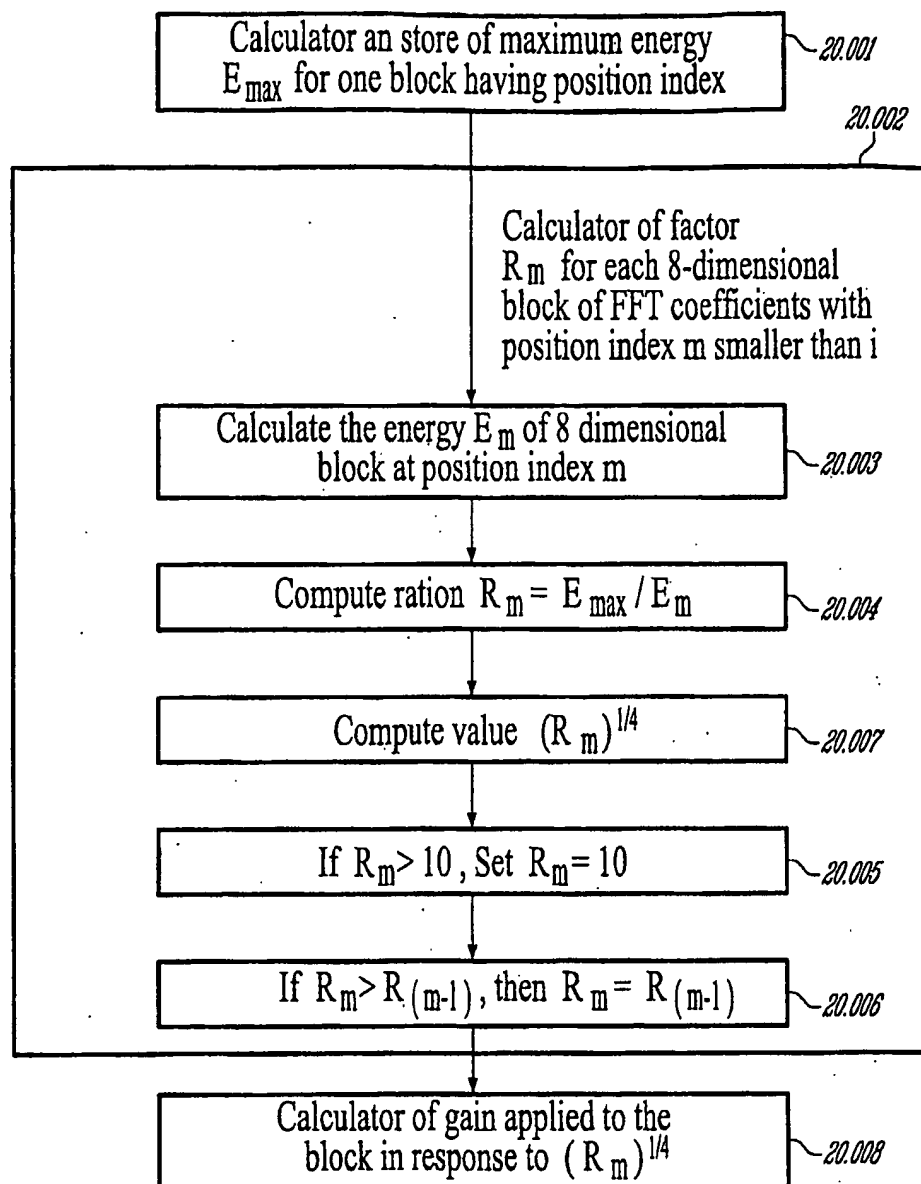


FIG. 17







FIG. 20

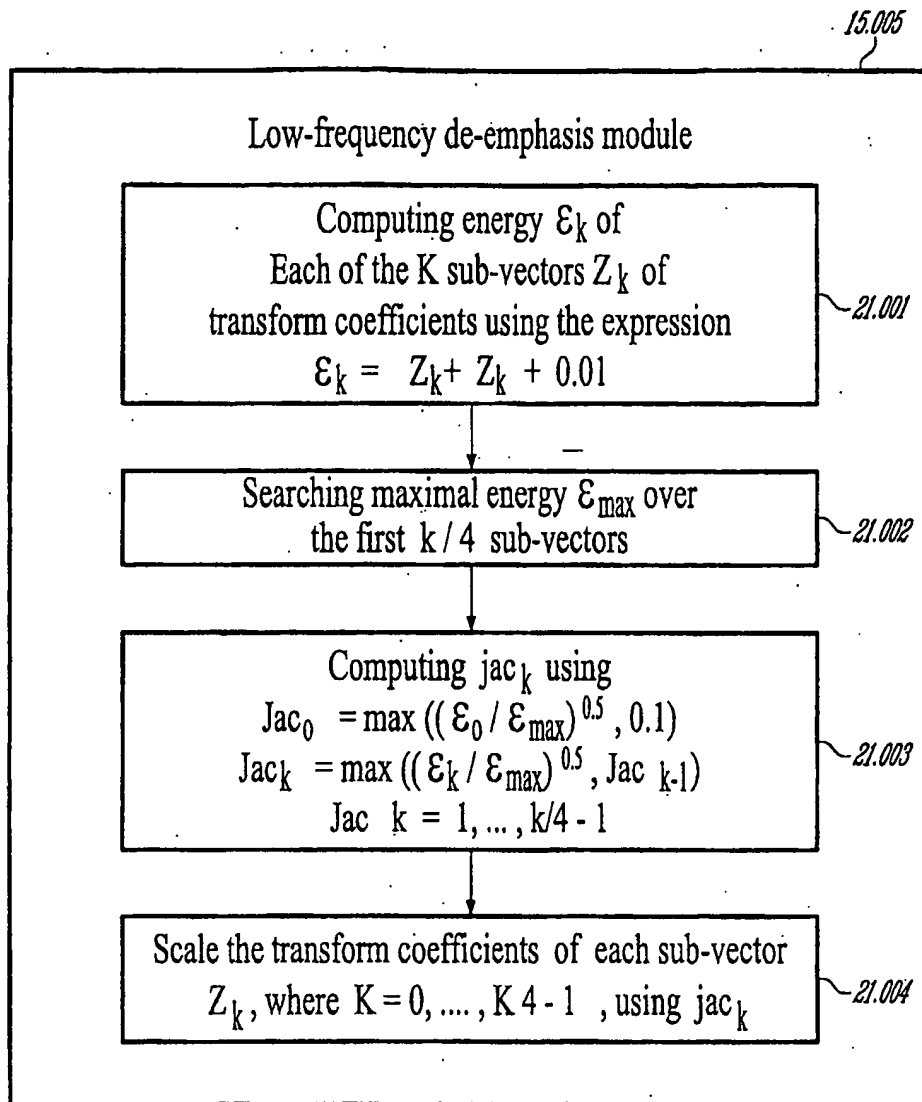


FIG. 21